

**IN THE  
UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**IN RE APPLICATION OF:** Lehmann, et al.

**CASE:** OST-061103

**SERIAL NO.:** 10/576,706

**FILED ON:** April 20, 2006

**FOR:** UV HARDENING GLASS  
PRINTING INK AND UV  
HARDENING GLASS PRINTING  
LACQUER AND METHOD FOR  
PRINTING A GLASS SUBSTRATE

COMMUNICATION  
TRANSMITTING  
INFORMATION  
DISCLOSURE  
STATEMENT

Mail Stop: Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ATTENTION OF:** Not yet assigned

**EXAMINER:** Not yet assigned

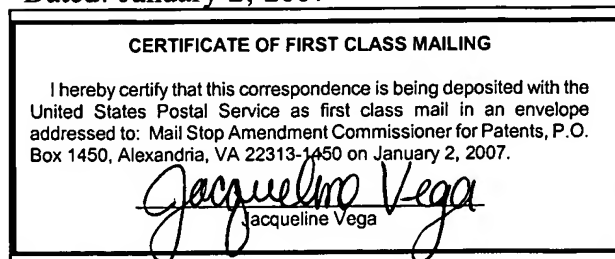
Dear Examiner:

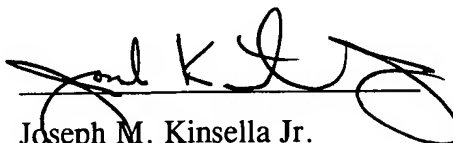
This Information Disclosure Statement ("IDS") is submitted pursuant to 37 CFR § 1.56. The filing of this "information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)." See 37 CFR § 1.97(h).

The applicant believes that no fees are required with this communication; however, if any additional fees are required, the Commissioner is authorized to pay such fees from Deposit Account No. 50-0545.

Respectfully submitted,

Dated: January 2, 2007



  
Joseph M. Kinsella Jr.  
Reg. No. 45,743  
One of Attorneys for Applicant

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Joseph M. Kinsella Jr.	45743
Nick S. Lee	54260

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/576,706
Filing Date	April 20, 2006
First Named Inventor	Saskia Lehmann
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	OST-061103

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,656,336	08-12-1997	Kamen, et al.	
		US- 6,413,696	07-02-2002	Pang, et al.	
		US- 6,513,435	02-04-2003	Detzner	
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		DE 2 343 589 A1	03-07-1974	Finckh & Co AG DR		
		DE 100 19 926 A1	10-31-2001	Isimat GmbH Siebdruckm...		
		EP 1 086 403 B1	03-28-2001	Vantico AG		
		GB 1 159 404 A	07-23-1969	Australian Cons Ind LTD		
		WO 99/06336	02-11-1999	Revlon Consumer Produc...		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

Application Number	10/576,706
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First Named Inventor	Saskia Lehmann
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	OST-061103

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Copy of German Office Action dated June 8, 2004. (German language)	
		Copy of PCT International Search Report. (German language)	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT OF  
BASIS FOR  
RELEVANCE OF  
FOREIGN LANGUAGE  
DOCUMENTS  
IDENTIFIED IN  
SUBMITTED  
PTO/SB/08A

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION OF: Not yet assigned

EXAMINER: Not yet assigned

Dear Examiner:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 50-0545.

PUBLICATION NO.	PUBLICATION DATE	BASIS FOR RELEVANCE
DE 2 343 589A1	March 7, 1974	The two-part inks consist of (1) an epoxy resin with epoxy equiv.450-525, epoxy value 0.2, density at 25 degrees C of 1.1-1.3, and viscosity at 25 degrees C in 40 % soln. for ring-marking of 100-200 cP, and in 80% soln. for printing of 48,000-52,000 cP, together with a solvent of evaporation value 3-450 (ether =1) and >=1 pigment, and (2) a polyamino-amide resin hardener with amine content of is approx. 1.5 mol/kg., H-active equiv. wt. of 100-500 mol. Viscosity at 25 degrees C in 50% soln. of -3,000 cP. The one-part inks consist of modified polyester resin with acid value 5-10, softening pt. 60-70 degrees C, density at 20 degrees C of 1.2-

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1.3, and viscosity at 20 degrees C in 60% soln. for ring marking of 800-1,200 cP, and in 90% soln. for printing of 55,000-59,000cP, together with a solvent of evaporation value 50-450 and pigment. The inks dry very rapidly (e.g., 5 sec. at 200-250 degrees C) and heating to >300 degrees C is avoided. They resist processing conditions and colour changes and are suitable for electronic reading.

The method of modifying the surface comprises an oxidizing flame and a silicating flame. A gel layer is used to reduce the dampness of the surface during the oxidizing flame treatment. The silicating flame causes a layer of 6nm, or 5-50nm but esp. 10-30nm at a temp. of 900-1200 degreesC at 0.1-1s.

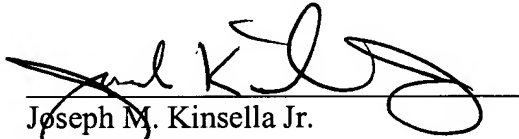
DE 100 19 926 A1

October 31, 2001

Should anything further be required, a telephone call to the undersigned, at (312) 226-1818, is respectfully invited.

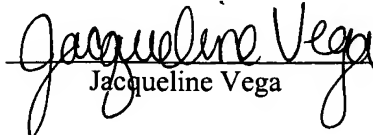
Respectfully submitted,

Dated: January 2, 2007

  
Joseph M. Kinsella Jr.  
Reg. No. 45,743  
One of Attorneys for Applicant

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 2, 2007.

  
Jacqueline Vega